EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|--|---|---------------------|---------|------------------|
| L5 | 13 | F16K15/16.ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/03/09 12:40 |
| L6 | 0 | F16K15/14.ipc. | EPO; JPO; DERWENT | OR | OFF | 2007/03/09 12:40 |
| L7 | 45 | F16K15/14.ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/03/09 12:41 |
| L8 | 9 | F16K11/14.ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/03/09 12:49 |
| L9 | 3730 | (valve and compressor and (curv\$5 or radi\$2 or parllel or direction)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/03/09 12:50 |
| L10 | 70 | (valve and compressor and curv\$5 and radi\$2 and (parllel or direction)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/03/09 12:50 |
| S1 | 972 | (417/569).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/20 17:07 |
| S2 | 1560 | (417/269).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/17 11:49 |
| S3 | 331 | (137/856).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/16 16:36 |
| S4 | 656 | (137/855).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/16 18:29 |
| S5 | 37 | S1 and curved | USPAT | OR | OFF | 2006/11/16 14:33 |
| S6 | 18 | S1 and radius and curv\$5 | USPAT | OR | OFF | 2006/11/16 14:37 |
| S7 | 25 | S1 and radius and (discharge or outlet or exhaust) | USPAT | OR | OFF | 2006/11/16 14:52 |
| S8 | 855 | sanden.asnm. | USPAT | OR | OFF | 2006/11/16 14:55 |

EAST Search History

| S11 | 326 | sanden.asnm. and discharge and valve | US-PGPUB; USPAT | OR | OFF | 2006/11/16 14:57 |
|-----|------|--|------------------------------|------|-----|------------------|
| S12 | 95 | S2 and (valve\$1).ti. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/16 16:07 |
| S13 | 422 | S4 not S3 | USPAT | OR | OFF | 2006/11/16 18:34 |
| S14 | 32 | "137".clas. and ((stop\$3 or retain\$4) with ((radius or radii) and (curv\$4 or twist\$2))) | USPAT | OR | OFF | 2006/11/16 18:44 |
| S15 | 387 | "137".clas. and ((radius or radii) with (curv\$4 or twist\$2)) | USPAT | OR | OFF | 2006/11/16 18:45 |
| S16 | 278 | (S15 not S14) and valve | USPAT | OR | OFF | 2006/11/17 09:50 |
| S17 | 32 | "137".clas. and ((stop\$3 or retain\$4) with ((radius or radii) and (curv\$4 or twist\$2))) | USPAT | OR | OFF | 2006/11/17 09:50 |
| S18 | 387 | "137".clas. and ((radius or radii) with (curv\$4 or twist\$2)) | USPAT | OR | OFF | 2006/11/17 09:50 |
| S19 | 218 | (S18 not S17) and (stop\$3 or retain\$4) | USPAT | OR | OFF | 2006/11/17 09:51 |
| S20 | 13 | ("3592302" "3621951" "3827539" "3957140" "4724937" "5018608" "5180186" "5345970").PN. OR ("5425398").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/17 10:04 |
| S21 | 1 | ("2002/0176786").URPN. | USPAT | OR | OFF | 2006/11/17 10:36 |
| S22 | 26 | ("20020031435" "20020067993" "20020168272" "20020176786" "20040202553" "20040247455" "20050025648" "20050031477" "20050169769" "20050175470" "20050186087" "4652217" "4781540" "4911614" "4951706" "5074768" "5242276" "5709535" "5857839" "6022199" "6293768" "6382927" "6402483" "6767193" "6837695" "6912948").PN. OR ("7004734").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/17 11:14 |
| S23 | 551 | (valve near stop\$3).ti. or (valve near retain\$4).ti. | US-PGPUB; USPAT; USOCR | OR · | OFF | 2006/11/17 12:53 |
| S24 | 1560 | (417/269).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/17 11:49 |
| S25 | 2 | S24 and suction near valve near (stop\$3 or retainer) | USPAT | OR | OFF | 2006/11/17 11:49 |
| S26 | 906 | (417/571).CCLS. | USPAT; USOCR | OR | OFF | 2006/11/17 12:54 |
| S27 | 117 | S26 and (stop\$3 or retainer) | USPAT | OR | OFF | 2006/11/17 12:54 |

EAST Search History

| S28 | 6 | ("3751005" "4781540" "5722818" "6113369" "6336795").PN. OR ("6767193").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/17 14:00 |
|-----|----|--|------------------------------|----|-----|------------------|
| S29 | 39 | (stop\$3 or retain\$2) with radi\$2 with (curv\$4 or twist\$2) | JPO | OR | OFF | 2006/11/17 14:17 |
| S30 | 1 | ("6767193").PN. | USPAT; USOCR | OR | OFF | 2006/11/20 17:40 |